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INFORMATION REPORT INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

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	S-E-C-R-E-T NOFORN	50X1-HUM
COUNTRY	East Germany REPORT	
SUBJECT	Ministry of Post and Telecommunications: DATE DISTR. Radio Broadcasting and Television (planned denclarment) REFERENCES	
DATE OF INFO. PLACE &	*	50X1-HUM
DATE ACQ	S UNEVALUATED INFORMATION. SOURCE GRADINGS ARE DEFINITIVE. APPRAISAL OF CONTENT IS TENTATIVE.	50X1-HUM
	casting and television field of activity of the East German Ministry of Post and Telecommunications. The document identifies the pertinent sections of the Ministry directly subordinate to the State Planning Commission and their chiefs. It lists the sections and names of the section chiefs of the Ministry's Radio Broadcasting and Television section. Further identified is the VEB Anlagenbau of the Abteilung Investitionen. including addresses and the names of the section chiefs. One chapter Status of the East German Radio Broadcasting and Television and the Longrange Qutlook of their Development under the Seven-Year Plan. This part	5 50X1-HUM
	identifies radio towers at the following sites: Perwenits: Rhinow) for the Central Ring Birkholzaue (sic)) Frankfurt/Oder)	Here &
1	Schwerin Pinnow for the North Ring Kulmberg for the South Ring It is stated that, for the expansion and maintenance of radio and televisi and radio traffic installations 47,000,000 DME were made available in 1958 67,000,000 DME in 1959, and 113,000,000 million DME for 1960, and that increasing appropriations will total up to 250,000,000 DME per Plan Year up 1965. The Laboratory for Radio and Televisi (Betriebslaboratorium fuer Rundfunk und Fernsehen (BRF)) and the VEB Anlag fuer Rundfunk und Fernsehen (VEB ARF), describ the activities functions and expenditures of these installations.	to cn enbau
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REPORT ON THE MINISTRY FOR POST-TELECOMMUNICATIONS IN RADIO BROAD— 1960 CASTING AND TELEVISION on Early January

- I. Structure:
- 1. General Structure: The Ministry for Post and Telecommunications is professionally subordinate to the transportation and communication division of the State Planning Commission. Department Chief Lehmann, politically it is tubordinate and Communications Division of the Central Committee of the SED Department Chief Winkler, Section Chief R and F Karloff, Ministry of Boot and Telecommunications.
- Radio Broadcasting Television Branch, under the leadership of the Representative of the Minister "TROBST, Gerhard, was established within the Ministry of Posts and Telecommunications as a result of a decision of the Council of Ministers in 1956.
 - 2. The Radio Broadcasting and Television Branch: The Radio Broadcasting and Television Branch is an autonomous unit and is divided into one central department and two central administrations:
 - 1) The Central Department for Organization and Security, leader of the Central Department; LIPFERT, Martin
 - a. Supervision Department: Chief MOTZKUSS, Khaus
 - b. Security Department: Chief KLEY, Kurt
 - c. Planning Division: Chief SIEDOW, Otto (until December 1959

 Major in East German Army)

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- d. Finance Department: Leader OPITZ, Wolfgang
- e. The Office of Inventions and Suggestions: Chief KLATT, Gunter
- f. Legal Division: Chief NOWACK, Franz, Lawyer
- g. Paper Division: Chief SPERRNAU, Rudi
- h. Cadre Division: Chief WILLENBROCK, Hans
- 2) Central Administration for Radio Broadcasting and Television
 Operation, Central Administration Chief, KLOSE (his substitute from
 Fritz
 September 1959 to August 1960 was/TARISCH; KLOSE was sent to the SED
 Academy)
 - a. Operation Division: Chief GRADECKI, Hans
- b. Traffic [Control?] Radio Division: Chief PIEPER, first name not indicated
 - c. Radio Mongtary Division: Chief PUIZ, first name not indicated
- 3) Central Administration for Radio and Television Technology;
 Central Administration Chief BRUCKNER, Joachim
 - Tech rical Division
 a. (Including international communications) Chief KARLE, Wolfgang
- b. Technical Planning Division, Chief REINECKE, first name not indicated
 - c. Investments Division: Chief up to 15 May 1960 LIEBIG, Werner
- d. Main Section for Motor Vehicle Technology Division: Chief

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As explained by the Council of Ministers decision on the establishment radio of the/broadcasting of television branch, this establishment is an important prerequisite for doing away with the technical backwardness in the personnel structure of the radio broadcasting radio broadcasting television. And television branch is made up of employees of the State Radio Committee and of the now defunct Central Administration of the Ministry of Posts and Telecommunications. This results in the concentration of specialists formally employed in both organizations with separate administratives systems.

3. Subordinate Operations Offices and Agencies

Branch each have control over a number of operations offices and agencies. The breakdown of the individual Central Administrations is as follows: In addition to the eleven radio offices the following technical enterprises in the zone and in Berlin have been subordinate to the radio technical operational office of the main administration for radio and television: Studio techniques - radio, location Berlin-Oberschoneweide, Nalepas, Chief SCHMIDT, first name not indicated.

Studio Techniques - television, location, Berlin - Adlershof, Aga,

Chief GUNTHER, first name not indicated.

While the radio offices and their operational branches were former.

the Ministry for Post and Telecommunications, the two technical enterprises originate from the State Radio Committee. The following four enterprises and five building committees are subordinate

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to the main administration for Radio Broadcasting and Television Technology:

1. Technical Division

- a. Enterprise laboratory for radio broadcasting and television,
 Berlin-Adlershof, Aga-Strasse, about 600 employees, Chief Dr. REIHER,
 Fritz; Scientific Chief, STIER, first name not indicated
- b. The People Owned Enterprise Radio Research Work, Berlin,
 Aga-Strasse, about 120 employees, Chief, SCHUIZE, Hans

2. Investments Division

- a. The People Owned Enterprise Construction for Radio and Television, Berlin-Adlershof, Aga-Strasse, about 270 employees, Chief: DEROCHE, first name not indicated, until March 1960 Division Leader at the Konigswusterhausen Radio Office.
- b. Supply Office for Radio and Television: Berlin O,

 **Boxhagen, about 200 employees, Chief: ZARNKE, Alfred
- c. Construction Management-Nord: Headquarters Schwerin, about 12 employees, Chief: KOLEPP, first name not indicated

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- d) Building Management -- Middle, Headquarters Oranienburg, about 12 employees. Chief: MEIXNER, Konrad.
- e) Building Management -- Berlin, Headquarters Berlin/Adlershof, Aga Street, about 20 employees. Chief: GATTERMANN, Herbert.
- f) Building Management -- South-west, Headquarters Leipzig, about 15 employees. Chief: PELIKAN, fnk
- g) Building Management -- South-east, Headquarters Dresden, about 8 employees. Chief: MUELLER, fnk.
- II. The Present Technical Status of the Soviet Zone Radio and Television and the Prospectus of Development under the 7-Year-Plan.

with its offices, enterprises and building manages. The Radio and Television Branch is responsible for the technical requirements for the reception and re-broadcast of the program of the State Radio

Committee and for the traffic [control?] radio.

The State Radio Committee provides for carrying out its agitation and propaganda responsibilities over the so-called "Democratic Radio" (short-middle- and long-wave- and ultra-short-wave-program) and the "German Television Broadcast" (Manager: ADAMECK).

Along with the largest broadcasting installation in Berlin/Ober-schoeneweide, Nalepa Street, the so-called "Democratic Radio" maintains radio studios for recofding its program in almost all the larger cities of the Zone. With the exception of an auxiliary studio installation in Rostock, the so-called "German Television Broadcast" has at its disposal only the qualitatively and quantitatively very insufficient studio installations in Berlin/Adlershof, Aga Street.

The stationary and mobile broadcast recording the stationary is completely insufficient, in view of the goal to raise the "German Television Broadcast" program to a total of 82 hours per week. According to the 1958 Economic Plan, the construction of the "Leipzig Radio and Television Studio" should have been begun that year. In addition, the 7-Year-Plan of the Zone ordered the construction of a radio and television studion in Dresden and in Rostock as well as the further improvement of the studio technology Sanitized Copy Approved for Release 2010/10/05: CIA-RDP80T00246A056200530001-9

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installation at the Berlin/Adlershof site on Aga Street. The following are the estimated values of these studios: the not-yet-begun Leipzig radio and television studio, 110 million DM; the Dresden and Rostock studios, 50 million DM each; and the extension of the Berlin/Adlershof studio, about 80 million DM.

A film-printing works with a sound-dubbing studio, intended to the most up-to-date program, was begun in 1959 in Adlershof.

The planned cost of this project runs to about 9 million DM. This project had to be stopped from April 1959 to May 1960 as a results of projects which were incomplete and which did not correspond to the most modern technical levels.

In the past, special broadcasting trucks were imported

to improve the possibilities for political, sport, and special events breadcasting. The difficulties for the further expansion of mobile equipment, occurring through delivery barriers at the Zone, should be bridged by delivery of radio and television broadcasting trucks from the Soviet Union. The first special truck arrived in Berlin from the Soviet Union in December 1959 (valued at 950 thousand DM practically) This delivery has almost become a political matter with the employees of the television equipment studio, as the automotive-technical level was inferior to that expected of Soviet automotive equipment and the technical part did not meet operational demands. The flaws and deficiencies of this broadcasting truck were warmaking, in spite of complaints made to the supplier, until April 1960. Toward the end of April special engineers from Moscow arrived in Berlin to execute the delivery and acceptance which had been suspended until then. The truck has not even yet begun operation, as extensive changes and supplementary jobs are

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quences of the delivery of a broadcast truck from the Soviet Union have already jeopardized the goal of setting up an up-to-date program. At that time a collective was established to work out data in preparation for the production of their own broadcast truck in the term.

systems and especially for ultra-short wave and television broadcasting.

For this reason, after extensive negotiations with the State Planning

Commission (SPK), the Union of People-Owned Enterprises (VVB) - Tele
communications Equipment and Measuring Technology [Devision], the People
Owned Enterprise (VEB) Radio and Telecommunications Equipment [Devision]

in Berlin, and with the VEB Radio Works in Koepenick, arrangements were

made in November 1958 for the delivery and assembly of the approximately

like ultra-short wave and 10 television transmitters needed. The schedule

of this association, "the German Post Broadcast Program", so far has not

been followed in a single instance. Although the Central Committee of the

SED set up special commissions to investigate the control of the State

broadcast schedules, they have not been followed to date.

The first transmitter the first transmitter, which was delivered by East German industry in September 1959 and received by the enterprise on 10 October, on the 10th anniversary of the Tone, is not ready for acceptance even today, due to serious construction defects. Scientists and engineers in the so-called "socialist work groups" had to contribute decisively to the elimination of technical defects in the television transmitter. The capacity of the VEB Radio Works in Koepenick was not sufficient for this (in terms of debelopers and production engineers). Nevertheless, the delivery of the "first East German television transmitter" was publicized in the East German press as an outstanding feat of production.

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The delays for ultra-short wave transmitters were caused by retarded development, particularly in measuring and control devices, and by lack of production forces in the Koepenick Works.

At present, the high-power transmitters for broadcasting the television serves program only broadcasting about 60 percent of the areas of East Germany, due to the insufficient number of television transmitters and the lack of television frequency converters (Kleinstfernsehsender) in the mountainous areas of East Germany.

In 1958 the Central Committee of the SED passed a resolution to eliminate gaps in service by means of converter stations. The resolution provided for 10 converter stations in 1958, 20 in 1959 and 100 in 1960, to be located, without exception, along the western border of East Germany. The VEB Ravena Works in Radebeul has was commissioned with the development and production of the television frequency converter. Of the 30 converters delivered by them up to the end of 1959, with extensive delays in schedule, not a single one could be legally accepted and sometimes to the proper radio office. The 30 converter stations do not have sufficient reliability and thus, to date, can guarantee as regular service of the proper "German Television Broadcast", to the inhabitanted East Germany.

Since the problem of closing the gaps in service concerns a resolution of the Central Committee, all party organizations of the Bezirke and Kreise for which converter the same planned are ordered to supervise their construction.

The VEB Ravena ks repeatedly inspected by high-ranking party officials regarding the production and on-schedule delivery of operational television channel converters. Special measures of all kinds, such as awarding prizes and establishing so-called "socialist collectives", have nonetheless been

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conditions of the VEB Radio and Television Equipment Plant's operations at the designated construction sites.

For some time the Bezirk and Kreis councils and the corresponding
Bezirk and Kreis representatives have been concerned with the "converter
program". The Radio and Television Branch is steadily receiving protests
from these authorities that, as a result of their not receiving the
"German Television Broadcast", the "poor citizens of the cities and villages
have to receive the West German television program". Due to VEB Ravena's
lack of capacity, only 30 television frequency converters will be
in 1960 instead of the 100 planned.

lag, both qualitatively and quantitatively. Here the problem deals with communication with foreign countries. The sending and receiving installations do not, for example, at present permit supplementary reception of broadcasts from another country. This deficiency reached its peak particularly in the question of Guinea. The present transmitters have at best that a technical level of 1940.

An approximately 35 million [DM] project for the expansion of a commercial radio center in Nauen is under consideration. The project has been named "SK 1 - Nauen" and provides for 16 short-wave transmitters (including new antenna equipment). Since the work on the project is now only in the pre-planning stage and it is calculated that construction can not begin before 1962, a temporary radio office has been set up in Koenigswusterhausen.

In April, 50-kilowatt short wave transmitters arrived in Koenigswusterhausen in fulfillment of a governmental agreement with the Soviet
Union. Francisco However, the efficient setting-up of the "temporary"

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project is still being hindered by the lack of support in the planning. So it is that they have not yet been able to begin construction of the buildings to house the transmitters which have already been delivered.

The expansion of radio-range engineering in the East Zone began as early as 1956 with the construction of king radio-range towers. The first radio-range tower begun in 1956 in Roitsch is now almost completed, after four years of construction. The second tower, in Dequede (Osterburg Kreis), which is also equipped to receive radio and television transmissions, was begun in 1957 and has been put into operation through the use of temporary technological means.

the Siemens Factory in Berlin and delivered ahead of schedule, began operation in this tower in April of 1960. (A second Band IV television transmitter from the Siemens Factory was put into operation in a building in Berlin, Prenzlauer-Allee, in March of 1960, three days before the Western Band IV television transmitter began its telecasts. Since it has the Siemens Factory that the East Zone was not able to receive a second program of the so-called "German Television Broadcast", and therefore that the television transmitter Band IV which they delivered and assembled sorry only those frequencies desired by the East Zone, the Siemens Factory's attitude is considered remarkable.)

In addition to the towers already mentioned, the following towers are currently under construction: radio-range towers at Perwenitz, Rhinow, Birkholzaue and Frankfurt/Oder for the center ring; in Schwerin and Pinnow for the North ring; and in Kulmberg for the South ring.

About 25 such constructions, including those towers already mentioned, are provided for in the 7-Year-Plan for East German broadcasting.

Judging by the Berlin" tower, on which construction is to be started

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in 1961, the average height of the towers run between 70 and 80 meters and the cost from 2.5 to 3.5 million DM each.

While the first projects were modelled after the tower in Dortmund, was a master plan has now been completed for all future towers.

The concrete work will be done by the VEB Special Construction Plant in Leipzig by employing special brigades.

The most recent progress reports on the construction show definitely in the future; that the time needed to complete the technical construction will not fullding.

Exceed 1.5 years. (The sighing of the shaft in Gleitschalbauweise) currently takes three months.) The shortened time needed to produce these structures can be expected to put the People-Owned Industry of telecommunications engineering even further behind schedule in their deliveries. It is true that there is an increasing shortage of the necessary engineers, technicians and specialists at the VEB Radio Works in Koepenick, the VEB-FFAB in Berlin and at the VEB-Ravena in Radebeul. Thus, in spite of the shortened construction time, the radio-range towers have not been successfully put accordance with into operation in angend to the 7-Year-Plan.

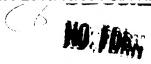
The reception of the picture and sound signals the East Block countries in "Intervision", which from October 1960 on have to be picked up by the Frankfurt/Oder radio-range tower, is only possible if technical stop-gap measures are taken, since the radio-range equipment for this tower will not be available until 1962. This situation wh will scarcely as far as Poland is concerned make any difference, however, since, presentatives, the technical requirements for the transmission will not be completed until the end of 1961. For this reason, representatives of the Intervision countries, who met at a conference in Warsaw in April 1960, considered carrying on the program exchange by setting up sending and receiving stations in Goerlitz or Luckstein.

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If an agreement is concluded between Intervision and Eurovision, the tower chain Frankfurt/Oder-Rauen - Birkholzaue - Berlin - Rhinow - Perwenitz-Dequede is to act as the relayer.

Investments totalling about 47 million [DM] in 1958, 67 million in 1959, and 113 million in 1960 were made available for the maintainance and expansion of radio, television, and radio traffic installations. During the Seven-Year Plan, investments for this purpose are to increase up to 250 million[DM] per plan year. The increase in the volume of investments is not in accord with the fulfillment of annual plans to date: Investments totalling 9 million DM in 1958 and 11 million DM in 1959 were not realized. As of 4 April 1960, the financial fulfillment of the investment plan for 1960 amounted to only about 15 percent. This lack of harmony between investments and demand will be discussed later.



III. The Enterprise Laboratory for Radio and Television (BRF) and the VEB-Equipment Building Plant for Radio and Television (VEB-ARF).

1. The Enterprise Laboratory for Radio and Television (BRF):

The Enterprise Laboratory for Radio and Television (BRF) is the current East German scientific center for planning and carrying out tasks of research and development in the fields of radio and television. Although the BRF employes a large number of scientists and engineers who are recognized throughout East Germany, a systematic organization of the enterprise's capacity to fulfill the main tasks of the 7-Year-Plan is out of the question.

It was established at the 3rd Technical-Economic Conference held on April 17-18, 1960, in Oranienburg, that the 7-Year-Plan stipulated investments for research and development (such as the 100 kilowatt medium-wave transmitter Television Transmitter Band IV) which were not carried out in the research and development of the BRF or by its contractors. The work of the scientists, engineers and technicians of the BRF was evaluated as undirected and unplanned. For the first time these scientists and the others were characterized by words such as "insufficient ideological consciousness" and "individualistic efforts". These facts are worthy of note since PFEIFFER, who for years had been the chief of the BRF, was dismissed late in 1959 for "insufficient awareness of the fundamentals of socialistic leadership" and in his place Dr. REIHER, former chief of the Planning Division of the Radio and Television Branch, was charged with the task of immediately and decisively improving the planning and carrying out of research and development.

The research and developments problems of the BRF can no longer be solved on time, due to the yearly-increasing amount of non-fulfillment.

Although 9h research and development themes were given to the BRF itself, at present another 92 themes are bound by research and development agreements Sanitized Copy Approved for Release 2010/10/05: CIA-RDP80T00246A056200530001-9

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with the development posts of the People-Owned Industry of Communications Technology. Even this type of contract research does not, at the present, meet requirements.

One basic pre-requisite is lacking in the development of antenna installations which correspond to the latest level of technology: there are no antenna testing places in East Germany. The state plan project of the "Brueck antenna testing place" was to have eliminated, by 1962, the difficulties which also existe for the antenna-producing industry. The construction in Brueck of the two antenna-testing towers planned for 1960 cannot be done because they lack 30 tons of imported bonding agents, required for dowelling the wood structures of the antenna masts. The BRF controls some well-equipped laboratories, for frequency testing and the like, in Collberg (am Wolzigersee).

It is the job of the VEB-Radio Research Works to do few-piece and small series production of equipment based on the model developed by the BRF. This enterprise was founded January 1, 1957 and is still suffering from birth-pangs today. Its planned loss for 1960 is about 250,000 DM. Subsidies have already been claimed for losses beyond plan, as the enterprise does not have sufficient continuity of production. The shortage of designing engineers at BRF is a fundamental reason why the enterprise does not have the necessary production data for the planned utilization of its capacities; 📻 the chief of the enterprise has beyond his membership in the SED, no experiences in the field of industrial production and absolutely none in the field of radio, and the the scientific chief, late in 1988, and the Veft East Germany in 1968 and 1999 Aleger tem technical chief, in 1000, to date.

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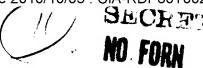
2. The VEB-Equipment Building Plant for Radio and Television (VEB-ARF)

The complex planning and construction of studio and radio engineering equipment is the duty of the VEB Equipment Building Plant for Radio and Television. About 75 percent of its employees work in pre-planning and investment planning. Excluding those who work in the management and control of the enterprise, there are only about 30 specialists to carry out the work of assembly.

This enterprise was established on January 1, 1958 and recruited its labor force predominantly from the respective parts of the Planning Division of the Planning Bureau of the German Post and of the ERF laboratory. Hans BODEN, who was chief of the enterprise from the time of its establishment, was relieved of his duties late in November, 1959, for insufficient adherence to the Party line, and was made a specialist in television studio technology. These measures were the result of an order from the appropriate department of the Central Committee of the SED, and sparked great dissatisfaction among the entire personnel. Provisional leadership of the enterprise was taken over by the engineering chief, ULBRICHT (no party affiliation).

The people proposed by the management of the Radio Branch to fill the post of enterprise chief were not accepted by the Central Committee of the SED. Altogether, this was a matter of three proposals whose professional qualifications, from the first proposal to the last, had to be forcibly played-down infavor of adherence to the Barty line. It is apparant that the Central Committee, aware of the responsible role of the VEB-ARF in preparing and carrying out radio investments, was ready to forego every professional qualification in favor of safeguarding the Barty interests. Thus, in April 1960, the position was filled by the former division chief of the Koenigswusterhausen Radio Office, who, up until his removal from the radio office there, was Party Secretary. This man was an assistant

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engineer who knew nothing of leadership in a People-Owned enterprise.

In internal discussions among the leading employees of the Radio Branch, the chief of the Investments Division entered the most emphatic protest against the appointment of DEROCHE which was planned by the Central DEROCHE's insufficient qualification was admitted in these talk Committee. Although, from the representative of the Minister, PROBST, to the chief of the Main Administration for Radio and Television Technology and his division chiefs, the Central Committee's decision could not be opposed.

After a four-month delay, DEROCHE was installed as enterprise chief, in the committee of the Central Committee.

The leading employees of the enterprise and the vast majority of the
Engineers, technologists and specialists have already disassociated them-
selves from their enterprise chief; the first signs of fluctuation can be
observed.

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Hitherto, the enterprise party organization represented a meaningless factor in the VEB-ARF. A purge was only begun when a party secretary was appointed by the Central Committee division. The party-secretary is about 27 years old and high elected in the middle of last year by the membership of the enterprise party organization.

The Radio Branch has commissioned the VEB-ARF with the main projecting for all plans dealing with studio technology. There is no other projecting enterprise for this field in East Germany. The enterprise in Berlin controls one planning division each for engineering and for studio technology to guarantee the unity of the whole project for

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